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1 Convexity and Steinitz's Exchange Property

Kazuo Murota

June 1996 Proceedings of the 5th International IPCO Conference on Integer Programming and Combinatorial Optimization

Publisher: Springer-Verlag

Additional Information: [full citation](#)

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 0

2 From video-mediated communication to technologies for collaboration: re-configuring media space

Christian Heath, Paul Luff, Abigail Sellen

June 1995 Information superhighways

Publisher: Academic Press, Inc.

Additional Information: [full citation](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 0

3 Domain-Independent eNegotiation Design: Prospects, Methods, and Challenges

Dirk Neumann, Christof Weinhardt

September 2002 DEXA '02: Proceedings of the 13th International Workshop on Database and Expert Systems Applications

Publisher: IEEE Computer Society

Full text available:  Publisher

Additional Information: [full citation](#), [abstract](#)

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- 4** [A new priority based congestion control protocol for Wireless Multimedia Sensor Networks](#)
Mohammad Hessein Yaghmasei, Donald Adjeroh
 June **WOWMOM '08: Proceedings of the 2008 International Symposium on a World of 2008 Wireless, Mobile and Multimedia Networks**
Publisher: IEEE Computer Society
 Full text available:  Publisher Site Additional Information: [full citation](#), [abstract](#)
- Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 0
- New applications made possible by the rapid improvements and miniaturization in hardware has motivated recent developments in Wireless Multimedia Sensor Networks (WMSNs). As multimedia applications produce high volumes of data which require high transmission ...
- 5** [Similarity Measurement Between Images](#)
Chaur-Chin Chen, Hsueh-Ting Chu
 July **COMPSAC '05: Proceedings of the 29th Annual International Computer Software and Applications Conference - Volume 02**, Volume 02
Publisher: IEEE Computer Society
 Full text available:  Publisher Site Additional Information: [full citation](#), [abstract](#)
- Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 2
- Experimental results of applying two similarity measurements, Euclidean distance and chord distanc, to test a set of six Brodatz's textures are reported. Experiments show that in addition to feature extraction, A similarity measurement between images ...
- Also published in:
 July 2005 **COMPSAC '05: Proceedings of the 29th Annual International Computer Software and Applications Conference - Volume 02** Volume 02
- 6** [Global stabilization for systems evolving on manifolds](#)
M. Malisoff, M. Krichman, E. Sontag
 April 2006 **Journal of Dynamical and Control Systems**, Volume 12 Issue 2
Publisher: Kluwer Academic Publishers
 Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)
- Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 0
- We show that any globally asymptotically controllable system on any smooth manifold can be globally stabilized by a state feedback. Since we allow discontinuous feedbacks, we interpret the solutions of our systems in the "sample and hold" sense introduced ...
- Keywords:** asymptotic controllability, control systems on manifolds, input-to-state stabilization
- 7** [An analysis of the low-earth-orbit communications environment](#)
Robert Joseph Diersing
 January **An analysis of the low-earth-orbit communications environment**
 1992
Publisher: Texas A & M University
 Additional Information: [full citation](#), [index terms](#)
- Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 0
- Keywords:** satellite communications

- 8** A posteriori parameter choice for general regularization methods for solving linear ill-posed problems
H. W. Engl, H. Gfrerer
 July **Applied Numerical Mathematics**, Volume 4 Issue 5
 1988
Publisher: Elsevier Science Publishers B. V.
 Additional Information: [full citation](#), [cited by](#), [index terms](#)
Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 3
- 9** CroMo --Morphological Analysis for Standard Croatian and its Synchronic and Diachronic Dialects and Variants
Damir Čavar, Ivo Pavao Jazbec, Tomislav Stojanov
 July Proceeding of the 2009 conference on Finite-State Methods and Natural Language
 2009 Processing: Post-proceedings of the 7th International Workshop FSMNLP 2008
Publisher: IOS Press
 Additional Information: [full citation](#), [abstract](#), [references](#)
Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 0

CroMo is a finite state transducer that combines three major functionalities into one high-performance monolithic machine for morphological segmentation, annotation, and lemmatization. It is designed to be flexible, extensible, and applicable to any ...

- Keywords:** Croatian, Finite State Transducer, Morphology
- 10** Supporting RFID-based item tracking applications in Oracle DBMS using a bitmap datatype
Ying Hu, Seema Sundara, Timothy Chorma, Jagannathan Srinivasan
 August **VLDB '05**: Proceedings of the 31st international conference on Very large data bases
 2005
Publisher: VLDB Endowment
 Full text available:  [PDF](#) (200.93 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)
Bibliometrics: Downloads (6 Weeks): 235, Downloads (12 Months): 2746, Downloads (Overall): 3600, Citation Count: 11

Radio Frequency Identification (RFID) based item-level tracking holds the promise of revolutionizing supply-chain, retail store, and asset management applications. However, the high volume of data generated by item-level tracking poses challenges to ...

- 11** An all optical interferometric detection scheme for application in secured passive optical networks
Awad S. Gerges, E. Farah, M. Y. A. Raia, E. A. Mehanna
 December **HONET'09**: Proceedings of the 6th international conference on High capacity optical
 2009 networks and enabling technologies
Publisher: IEEE Press
 Additional Information: [full citation](#), [abstract](#), [references](#)
Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 0

This paper presents the implementation of an all-optical interferometric technique to optimize the detection of small coherent signals buried under the presence of a strong incoherent background noise. The influence of interferometer path-length imbalance, ...

- 12** [Improving Effective Bandwidth through Compiler Enhancement of Global Cache Reuse](#)
 April **IPDPS '01: Proceedings of the 15th International Parallel and Distributed Processing Symposium (IPDPS'01) - Volume 1**, Volume 1
Publisher: IEEE Computer Society
- Full text available:  Publisher Site Additional Information: [full citation](#), [abstract](#)
- Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 0
- Reusing data in cache is critical to achieving high performance on modern machines because it reduces the impact of the latency and bandwidth limitations of direct memory access. To date, most studies of software memory hierarchy management have focused ...
- 13** [Square Rooting Algorithms for Integer and Floating-Point Numbers](#)
R. Hashemian
 August 1990 **IEEE Transactions on Computers**, Volume 39 Issue 8
Publisher: IEEE Computer Society
- Full text available:  Publisher Site Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)
- Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 3
- An algorithm for evaluating the square root of integers and real numbers is developed. The procedure consists of two parts: one to obtain a close estimate of the square root and the other to modify the initial value, iteratively, until a precise root ...
- Keywords:** bit-shift operation, close estimate, digital arithmetic, division by 2, fast converging iteration, floating-point numbers, initial value modification, integer numbers, iterative methods, number theory., precise root, real numbers, square rooting algorithms
- 14** [Project scheduling using a competitive genetic algorithm](#)
J. Magalhães-Mendes
 September **SMO'08: Proceedings of the 8th conference on Simulation, modelling and optimization**
Publisher: World Scientific and Engineering Academy and Society (WSEAS)
 Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)
- Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 1
- The resource constrained project scheduling problem (RCPSP) is a difficult problem in combinatorial optimization for which extensive investigation has been devoted to the development of efficient algorithms. During the last couple of years many heuristic ...
- Keywords:** RCPSP, genetic algorithm, optimization, project management, scheduling
- 15** [A document engineering environment for clinical guidelines](#)
 Gersende Georg, Marie-Christine Jaujent
 August **DocEng '07: Proceedings of the 2007 ACM symposium on Document engineering**
 2007
Publisher: ACM 
 Full text available:  PDF (1.22 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)
- Bibliometrics:** Downloads (6 Weeks): 2422, Downloads (12 Months): 2955, Downloads (Overall): 3098, Citation Count: 2

In this paper, we present a document engineering environment for Clinical Guidelines (G-DEE), which are standardized medical documents developed to improve the quality of medical care. The computerization of Clinical Guidelines has attracted much interest ...

Keywords: GEM, XML, clinical guidelines, deontic operators

16 Computer techniques for evaluating the double integral

[Karen Doyle Walton, Zachary Doyle Walton](#)

March 1992 **Journal of Computers in Mathematics and Science Teaching**, Volume 11 Issue 3-4

Publisher: Association for the Advancement of Computing in Education

Additional Information: [full citation](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 0

17 Truth in advertising in present and future generation computing

Rob Kling

January 1984 **ACM '84: Proceedings of the 1984 annual conference of the ACM on The fifth generation challenge**

Publisher: ACM

Full text available: Pdf (43.81 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 9, Downloads (Overall): 71, Citation Count: 0

The capabilities of advanced computing technologies are best understood by computer scientists and substantially less so by non-specialists. There is a strong bias toward oversimplifying the capabilities and limitations of new technologies when they ...

18 Multiple Trajectory Search for Uncapacitated Facility Location Problems

[Lin-Yu Tseng, Chih-Sheng Wu](#)

April 2009 **CSO '09: Proceedings of the 2009 International Joint Conference on Computational Sciences and Optimization - Volume 02**, Volume 02

Publisher: IEEE Computer Society

Full text available: Publisher

Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 0

In this study, a novel metaheuristic called the Multiple Trajectory Search (MTS) is proposed to solve the uncapacitated facility location problem (UFLP). The Multiple Trajectory Search hybridizes a global search method (the Trajectory_Search) and a local ...

Keywords: multiple trajectory search, uncapacitated facility location problem, metaheuristic

19 Infinite parallel job allocation (extended abstract)

Petra Berenbrink, Artur Czumaj, Tom Friedetzky, Nikita D. Vvedenskaya

July 2000 **SPAA '00: Proceedings of the twelfth annual ACM symposium on Parallel algorithms and architectures**

Publisher: ACM

Full text available: Pdf (383.39 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 13, Downloads (Overall): 147, Citation Count: 2

In recent years, the task of allocating jobs to servers has been studied with the "balls and bins" abstraction. Results in this area exploit the large decrease in maximum load that can be achieved by allowing each job (ball) a little freedom ...

20 [A New Parallel Factorization A = DDIBC for Band Symmetric Positive Definite Matrices](#)

[Ilan Bar-On, Ophir Munk](#)

September 1992 **CONPAR '92/ VAPP V:** Proceedings of the Second Joint International Conference on Vector and Parallel Processing: Parallel Processing

Publisher: Springer-Verlag

Additional Information: [full citation](#)

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January 2009 Communications of the ACM
Publisher: ACM

Full text available: (7.72 MB)

Additional Information: [full citation](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 236, Downloads (12 Months): 236, Downloads (Overall): 1287, Citation Count: 0

- 3 Real-time shading

Marc Olano, Kurt Akeley, John C. Hart, Wolfgang Heidrich, Michael McCool, Jason L. Mitchell, Randi Rost

August 2004 **SI GGRAPH '04: SIGGRAPH 2004 Course Notes**

2004
Publisher: ACM

Full text available: (7.39 MB)

Additional Information: [full citation](#), [abstract](#), [cited by](#)

Bibliometrics: Downloads (6 Weeks): 28, Downloads (12 Months): 442, Downloads (Overall): 3733, Citation Count: 2

Real-time procedural shading was once seen as a distant dream. When the first version of this course was offered four years ago, real-time shading was possible, but only with one-of-a-kind hardware or by combining the effects of tens to hundreds of rendering ...

- 4 Communications of the ACM: Volume 53 Issue 6

June 2010 Communications of the ACM
Publisher: ACM

Full text available:

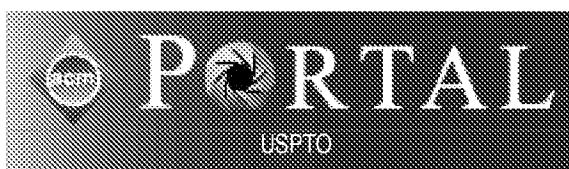
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Marc Olano, Kurt Akeley, John C. Hart, Wolfgang Heidrich, Michael McCool, Jason L. Mitchell, Randi Rest
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